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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/005,508	12/04/2001	Michael Kendrick Reiter	CHOCKLER 1-1-7	9654
47394	7590 04/12/2006		EXAM	INER
HITT GAINES, PC LUCENT TECHNOLOGIES INC.			DONAGHUE, LARRY D	
PO BOX 832570		ART UNIT	PAPER NUMBER	
RICHARDSON, TX 75083			2154	

DATE MAILED: 04/12/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

		Application No.	Applicant(s)			
Office Action Summary		10/005,508	REITER ET AL.			
		Examiner	Art Unit			
		Larry D. Donaghue	2154			
Period fo	The MAILING DATE of this communication app or Reply	pears on the cover sheet with the	correspondence address			
WHIC - Exte after - If NC - Failt Any	ORTENED STATUTORY PERIOD FOR REPL' CHEVER IS LONGER, FROM THE MAILING Donsions of time may be available under the provisions of 37 CFR 1.1. SIX (6) MONTHS from the mailing date of this communication. O period for reply is specified above, the maximum statutory period or to reply within the set or extended period for reply will, by statute reply received by the Office later than three months after the mailing led patent term adjustment. See 37 CFR 1.704(b).	ATE OF THIS COMMUNICATIO 36(a). In no event, however, may a reply be tin will apply and will expire SIX (6) MONTHS from to cause the application to become ABANDONE	N. mely filed the mailing date of this communication. ED (35 U.S.C. § 133).			
Status	•					
1)⊠	Responsive to communication(s) filed on 21 Fe	<u>ebruary 2006</u> .				
2a) <u></u> ☐	This action is FINAL . 2b)⊠ This	s action is FINAL . 2b) This action is non-final.				
- 3)□	Since this application is in condition for allowance except for formal matters, prosecution as to the merits is					
	closed in accordance with the practice under E	Ex parte Quayle, 1935 C.D. 11, 4	53 O.G. 213.			
Disposit	ion of Claims					
•	Claim(s) <u>1-20</u> is/are pending in the application.		•			
+)⊠	4a) Of the above claim(s) is/are withdraw					
5)[7]	Claim(s) is/are allowed.	mi nom concideration.	,			
·	Claim(s) <u>1-20</u> is/are rejected.					
	Claim(s) is/are objected to.		•			
8)□	Claim(s) are subject to restriction and/o	r election requirement.				
Applicat	ion Papers		,			
	•	•				
•	The specification is objected to by the Examine The drawing(s) filed on is/are: a) _ acc	·	Evaminer			
10)	Applicant may not request that any objection to the					
	Replacement drawing sheet(s) including the correct					
11)	The oath or declaration is objected to by the Ex		•			
•	•		•			
Priority (under 35 U.S.C. § 119	•				
	Acknowledgment is made of a claim for foreign ☐ All b)☐ Some * c)☐ None of:)-(d) or (f).			
	1. Certified copies of the priority document		ion No			
	2. Certified copies of the priority document					
	3. Copies of the certified copies of the prior application from the International Bureau		ed iii tiiis National Stage			
* 9	See the attached detailed Office action for a list		ed			
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Attachmer		_	•			
	ce of References Cited (PTO-892)	4) Interview Summary Paper No(s)/Mail D				
3) Infor	ce of Draftsperson's Patent Drawing Review (PTO-948) mation Disclosure Statement(s) (PTO-1449 or PTO/SB/08) er No(s)/Mail Date		Patent Application (PTO-152)			

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1. Claims 1-20 are presented for examination.

- 2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:
 - (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.
- 3. Claims 1-6, 8-12, 14-18 and 20 rejected under 35 U.S.C. 103(a) as being unpatentable over MacLellan et al. EP0973117 in view of Bennett (5,734,909).

Regarding to claimed invention of claims 1,8 and 14, MacLellan et al teaches protocols that uses backoff/retry algorithm to randomly retransmit any non-acknowledged messages, see abstract, comprising, a client subsystem that generates a request for access to a shared resources such an application processor 101 communicates over a WAN to one or more Interrogators 103 and further communicates with one or more endpoints called Tag 105, see para[009], a server subsystem that receives said request, and returns a LOCKED indicator such as Interrogator 105 receives a data message 106 from processor 101, and in the Uplink Data Exchange Protocol, data is present in the Tag 105 which is required to be transmitted to Interrogator 103, and upon successful reception of this data, the acknowledgment message is received by Tag 105, see [0015-0016]. Furthermore MacLellan et al discloses that if Downlink acknowledgment signal is not successfully received, then Downlink Acknowledgment is delayed until time slot, see para. [0017-0019] and in figure 6, Downlink data message is transmitted if Tag 105 does not successfully receives the Downlink data message, and waits for the next Downlink data transmission, see [para. 0026].

Regarding claims 2, 9, and 15 with broadest interpretation, MacLellan et al teaches length of time to required for Uplink data Exchange protocol 500 must be completed, see col. 5, lines 61-66.

MacLellan et al. did not expressly teach configuring the client to respond an amount of time after receiving the LOCKED indicator, this is taught by Bennett (col. 1, lines 47-50 and col. 2, lines 46-45), it would have been obvious to modify MacLellan et al. with the teaching of Bennett as it would provide for the orderly servicing of clients request.

Regarding claims 3-6, 10-12, 16-18, and 20 claimed subject matter is inherently disclosed in the system of MacLellan since most often used protocols for a common bus network is referred to as carrier sense multiple-access/collision-detection, and implementation of this standard is called Ethernet which uses backoff/retry algorithm, and is used in shared network resources.

4. Claims 7,13 and 19 rejected under 35 U.S.C. 103(a) as being unpatentable over MacLellan et al. and Bennett in view of Underwood (6,704,873).

Regarding to claimed invention MacLellan et al and Bennett did not disclose digitally signing client request. 6,704,873 teach global Internet working gateway architecture in an e-commerce environment including digital signature services. Therefore, it would have been obvious to one of the ordinary skill in the art at the time of invention that any shared resources using Ethernet channel can make advantageous use of digital signature to gain secure

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access. The teaching of digital signature services of Underwood would provide secure transmission and acknowledgment of single packet of the combined teaching of MacLellan et al. and Bennett.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Larry D. Donaghue whose telephone number is 571-272-3962. The examiner can normally be reached on M-F 8:00-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Follansbee can be reached on 571-272-3964. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

PRIMARY EXAMINER